

**ABSTRACT**

An air conditioning apparatus is provided which includes a plurality of heat exchangers (11, 12, 13) for effecting heat exchange between a heating medium (such as refrigerant, cold and hot water et cetera) and air and which is adapted to separately perform sensible heat processing and latent heat processing of room air (RA). In the air conditioning apparatus, at least one heat exchanger (13) is made up of an adsorption heat exchanger (13) that supports on its surface an adsorbent, thereby preventing the increase in apparatus size and making it possible to perform operations at high COP.